



SF490 无卤 PET 基透明挠性覆铜板

SF490

Halogen Free PET Film Based Transparent FCCL

特点

- 粘结强度高，尺寸稳定性好。
- 优秀的透光性、耐化学性和电性能。
- 满足 RoHS 指令要求，不含铅、汞、镉、六价铬、多溴联苯、多溴联苯醚等。

FEATURES

- High bonding strength, good dimensional stability.
- Excellent transparency, chemical resistance and electrical properties.
- Compatible with EU RoHS directive, free of Pb,Hg,Cd, Cr⁶⁺,PBB,PBDE, etc..

应用领域

LED 显示。

APPLICATIONS

LED display.

性能表 GENERAL PROPERTIES

性能项目 Test Item	测试方法 Test Method	单位 Unit	标准值* Standard Value	典型值 Typical Value
				SF490 503520SR
剥离强度 Peel Strength (90°)	IPC-TM-650, No.2.4.9	N/mm	≥0.8	0.82
可见光透过率 Visible Light Transmittance	Shengyi Method	%	≥90	90.2
尺寸稳定性 Dimensional Stability	Shengyi Method	%	±1	±1
耐化学性 Chemical Resistance	IPC-TM-650, No.2.3.2	%	≥90	>90
体积电阻率 Volume Resistivity	IPC-TM-650, No.2.5.17	MΩ-cm	≥10 ⁶	1.5×10 ⁸
表面电阻 Surface Resistance	IPC-TM-650, No.2.5.17	MΩ	≥10 ⁵	4.1×10 ⁵

注释 Explanations: * Certified to IPC-4204/5 Polyester adhesive on one or two sides of polyethylene terephthalate Film and Shengyi standard.



SF490 无卤 PET 基透明挠性覆铜板

SF490 Halogen Free PET film based transparent FCCL

产品规格代码描述 Product Code Description

SF490 75 35 20 S R

- R – 压延铜箔 RA Copper Foil; E – 电解铜箔 ED Copper Foil m
- S – 单面板 Single Side; D – 双面板 Double Side
- 胶层厚度 Adhesive Thickness: 20 - 20 μ m
- 铜箔厚度 Copper Foil Thickness: 35 - 35 μ m
- PET 膜厚度 PET Film Thickness: 75 – 188 μ m
- 透明 PET-FCCL 产品 Shengyi transparent PET-FCCL Designation

常规产品表 SPECIFICATIONS OF STANDARD PRODUCTS

产品规格 Specifications	PI 膜厚度 (μ m) PI film Thickness	铜箔厚度 (μ m) Copper Foil Thickness	胶粘剂厚度 (μ m) Adhesive Thickness	铜箔类型 Copper Type	应用领域 Applications
SF490 503520SR	125	35	20	压延铜箔 RA	LED 显示 LED display
SF490 501813SR	125	18	13	压延铜箔 RA	LED 显示 LED display
SF490 753520SR	188	35	20	压延铜箔 RA	LED 显示 LED display
SF490 751813SR	188	18	13	压延铜箔 RA	LED 显示 LED display

包装 PURCHASING INFORMATION

产品宽度500+2/-0mm; 其它规格、尺寸可根据客户要求而定。

SF490 is supplied in rolls and standard width of 500+2/-0mm. Other sizes could be available upon request.

贮存条件 STORAGE CONDITION

贮存在干燥、无腐蚀气体的室内，板材以原始包装在室温条件下贮存时，贮存期为一年。无需冷藏或冷冻条件下贮存。

Store in the room of dryness and no corrosive gases. One year when stored in the original packaging at room temperature. The products do not require refrigeration and should not be frozen.